In the Claims

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Currently amended) ~~A code division multiplex access base station, comprising:~~

~~a wireless signaling logic for processing wireless signal in the CDMA system;~~

~~a media gateway control protocol logic for processing media streams in the CDMA system; and~~

~~linking logic adapted for mapping wireless mobile call identifiers to a corresponding media stream identifiers in media gateway control protocol.~~

A multi-protocol packet-based base station, comprising:

a wireless signaling logic unit for handling wireless signals adapted for an internet protocol-based local area network;

a media gateway logic unit adapted to handle communication signals for a media gateway control protocol (MGCP); and

address generation logic for generating a virtual circuit identity code (VCIC) for linking communication signals between said wireless signaling logic unit and said media gateway logic unit.

14. (Canceled)

15. (Currently amended) A multi-protocol enterprise code division multiplex access (CDMA) wireless communication system, ~~comprising~~ comprising:

a multi-protocol ~~packet-based~~ packet-based base ~~station;~~ station, wherein said base station includes:

a wireless signaling logic unit for handling wireless signals adapted for an internet protocol-based local area network;

a media gateway logic unit adapted to handle communication signals for a media gateway control protocol (MGCP); and

address generation logic for generating a virtual circuit identity code (VCIC) for linking communication signals between said wireless signaling logic unit and said media gateway logic unit;

a call agent; and

mobile terminals adapted to communicate via multiple communication protocols.

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Currently amended) The system of ~~claim 18~~ Claim 15, wherein said ~~virtual circuit identity code~~ VCIC creates a virtual traffic communication path to enable said base station ~~transmit~~ to convert mobile signals of a first protocol type to a second protocol type.

20. (Currently amended) The system of ~~claim~~ Claim 19, wherein said first protocol type is ~~EIA/TIA-634~~ a TIA/EIA-634 specification.

21. (Currently amended) The system of ~~claim~~ Claim 19, wherein said second protocol type is ~~a media gateway control protocol~~ said MGCP.

22. (Canceled)

23. (Currently amended) ~~The method of claim 22, wherein said step c) further comprises the step of generating a virtual circuit identity code adaptable to both said first signal protocol and said second signal protocol.~~

A method of handling wireless call messaging in a multi-protocol enterprise Code Division Multiplex Access (CDMA) system, comprising the steps of:

receiving a call message from a mobile communication unit, said call message transmitted via a first signal protocol;

processing said call message within a wireless base station within said CDMA system;

creating a virtual traffic communication path to transmit said call message within said CDMA system;

generating a virtual circuit identity code adaptable to both said first signal protocol and said second signal protocol; and

transmitting said call message to a destination wireless device within said CDMA system, said call message transmitted via a second signal protocol.

24. (Currently amended) ~~The method of claim 22, wherein said step c) includes the step of providing a unique communication identifier responsive to said call message and correspondingly adaptable to said second signal protocol.~~

A method of handling wireless call messaging in a multi-protocol enterprise Code Division Multiplex Access (CDMA) system, comprising the steps of:

receiving a call message from a mobile communication unit, said call message transmitted via a first signal protocol;

processing said call message within a wireless base station within said CDMA system;

creating a virtual traffic communication path to transmit said call message within said CDMA system;

providing a unique communication identifier responsive to said call message and correspondingly adaptable to said second signal protocol; and

transmitting said call message to a destination wireless device within said CDMA system, said call message transmitted via a second signal protocol.

25. (Currently amended) The method of ~~claim 22~~ Claim 23, wherein said second signal protocol is adapted for a media control gateway.

26. (New) The method of Claim 24, wherein said second signal protocol is adapted for a media control gateway.